

Abstract

[120] Certain exemplary embodiments provide a method for performing repeated quantitative analysis using an FTMS. The method can comprise a plurality of potential activities, some of which can be automatically, repeatedly, and/or nestedly performed, and some of which follow. From at least one predetermined sample source, a sample can be obtained and provided to an FTMS. At least one variable for the FTMS can be optimized. A plurality of outputs can be acquired from the FTMS. An identity of at least one predominant ionic component of the sample can be ascertained. A quantity of the at least one predominant ionic component can be determined.